

Claims

1. A method for treating mouth ulcers, comprising:
 - (a) providing adhesive oral patches which, when exposed to saliva in a human mouth, release a medication over more than 30 minutes, the medication being an agent that speeds healing of mouth ulcers; and
 - (b) instructing recipients of the patches to hold the patches in their mouths on or near a canker sore at least two or more hours per day to treat mouth ulcers.
2. The method of claim 1 wherein the medication is an extract of licorice root.
3. The method of claim 2 wherein the medication is an extract of licorice root with reduced glycyrrhizin.
4. The method of claim 1 wherein the medication is an antimicrobial.
5. The method of claim 4 wherein the medication is an antibiotic.
6. The method of claim 4 wherein the medication is an anti-bacterial.
7. The method of claim 5 wherein the medication is penicillin.
8. The method of claim 5 wherein the medication is amoxicillin.
9. The method of claim 1 wherein the medication is propolis or an extract of propolis.
10. The method of claim 1 wherein the patch includes a gum that dissolves or erodes in saliva.
11. The method of claim 10 where the gum is xanthan gum.
12. The method of claim 10 where the gum is konjac gum.
13. The method of claim 10 where the gum is gelatin.
14. The method of claim 10 where the gum is locust bean gum.
15. A method for treating mouth ulcers, comprising:
 - (a) acquiring oral patches which, when exposed to saliva in a human mouth, release a

medication over more than 30 minutes, the medication being an agent that speeds healing of mouth ulcers; and

(b) holding the patches in a mouth to treat mouth ulcers for at least two or more hours per day.

5 16. The method of claim 15 wherein the medication is an extract of licorice root.

17. The method of claim 16 wherein the medication is an extract of licorice root with reduced glycyrrhizin.

18. The method of claim 15 wherein the medication is an antimicrobial.

19. The method of claim 18 wherein the medication is an antibiotic.

10 20. The method of claim 18 wherein the medication is an anti-bacterial.

21. The method of claim 19 wherein the medication is penicillin.

22. The method of claim 19 wherein the medication is amoxicillin.

23. The method of claim 15 wherein the medication is propolis or an extract of propolis.

15 24. The method of claim 15 wherein the patch includes a gum that dissolves or erodes in saliva.

25. The method of claim 24 where the gum is xanthan gum.

26. The method of claim 24 where the gum is konjac gum.

27. The method of claim 24 where the gum is gelatin.

28. The method of claim 24 where the gum is locust bean gum.

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29. A method for treating mouth ulcers, comprising:

(a) providing patches which, when exposed to saliva in a human mouth, release a medication over more than 30 minutes, the medication being an agent that relieves pain of mouth ulcers without numbing surrounding tissues; and

25 (b) instructing recipients of the patches to hold the patches in their mouths on or near a canker sore to relieve canker sore pain.

30. The method of claim 29 wherein the medication is an extract of licorice root.
31. The method of claim 30 wherein the medication is an extract of licorice root with reduced glycyrrhizin.
32. The method of claim 29 wherein the patch includes a binder ingredient that dissolves or erodes in saliva.
33. The method of claim 32 where the binder ingredient is xanthan gum.
34. The method of claim 32 where the binder ingredient is konjac gum.
35. The method of claim 32 where the binder ingredient is gelatin.
36. The method of claim 32 where the binder ingredient is locust bean gum.
37. A method for treating mouth ulcers, comprising:
- (a) acquiring patches which, when exposed to saliva in a human mouth, release a medication over more than 30 minutes, the medication being an agent that relieves pain of mouth ulcers without numbing surrounding tissues; and
- (b) holding the patches in a mouth to treat canker sore pain.
38. The method of claim 37 wherein the medication is an extract of licorice root.
39. The method of claim 38 wherein the medication is an extract of licorice root with reduced glycyrrhizin.
40. The method of claim 37 wherein the patch includes a binder ingredient that dissolves in saliva.
41. The method of claim 40 where the binder ingredient is xanthan gum.
42. The method of claim 40 where the binder ingredient is konjac gum.
43. The method of claim 40 where the binder ingredient is gelatin.
44. The method of claim 40 where the binder ingredient is locust bean gum.
45. An adherent patch that, when held in a human mouth, remains in the mouth as a single item that will not spread to be in a plurality of locations in the mouth at one time and slowly

erodes, thereby releasing over time extract of licorice root plus collagen, consisting essentially of, by dry weight:

(a) between 13% and 37% extract of licorice root;

(b) between 33% and 55% collagen; and

5 (c) between 22% and 54% binder ingredients.

46. The patch of claim 45 wherein the extract of licorice root is an extract of licorice root with reduced glycyrrhizin.

47. The patch of claim 45 wherein the collagen is food grade gelatin.

48. The patch of claim 45 where the binder ingredients comprise at least one of: gum arabic,
10 carrageenan, xanthan gum, konjac gum, agar, locust bean gum, and insoluble food fiber.

49. The patch of claim 48 where the binder ingredients include an insoluble food fiber in the form of cellulose fibers.